

UNIVERSAL PUMP CONTROLLERS PUMP

Type VIGILEC ZERO



Zero V1Z

SUBMERSIBLE & SURFACE PUMPS (WELLS, TANKS...)



Zero Digital V1ZD



Zero Sensor V1ZS

BOOSTER PUMPS



Protection	Over/underload, phase loss
Control	With / without probes (low current)
Supply voltage	230 or 400Vac (110 or 220 Vac)
Rating/Start (*)	1 Pump up to 18A DOL (Direct on line)
Remote control	

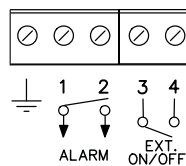
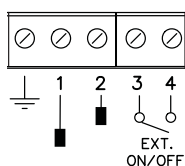
Protection	Over/underload, phase loss
Control	Without probes (low current)
Supply voltage	230 or 400Vac (110 or 220 Vac)
Rating/Start (*)	1 Pump up to 18A, DOL
Digital display	
Alarm contact	
Remote control	

Protection	Overload, phase loss, overheat
Control	4/20mA Pressure sensor
Supply voltage	230 or 400Vac (110 or 220 Vac)
Rating/Start (*)	1 Pump up to 18A, DOL
Digital display	
Alarm contact	
Remote control	

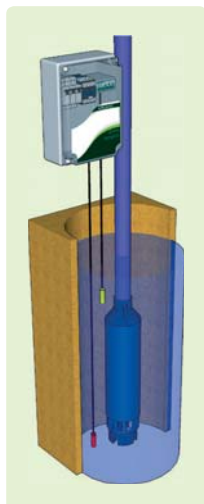
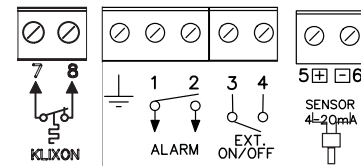
(*) Soft Start / Higher ratings under request.

(**) Failure proof float system / Sensor dry level detection.

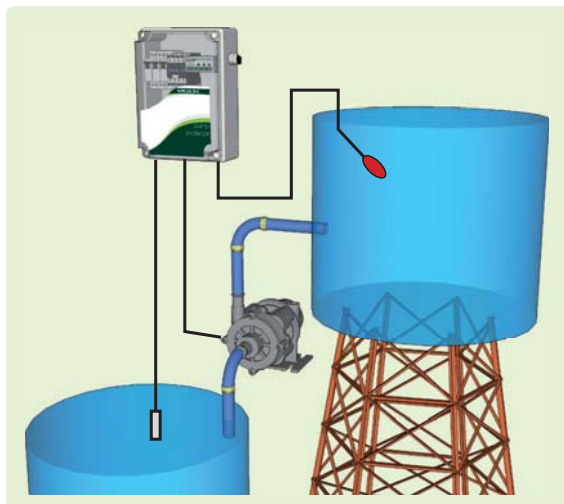
(***) Automatic by cycle or fault with delayed start/stop.



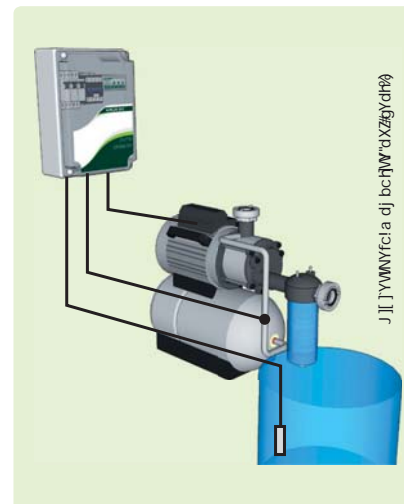
Detection of excessive start/stop rate and pressure fault



Wells



Wells & tanks control



Water supply, irrigation

Zero Press Doble Sensor - V2ZPS

PUMP SETS



Overload, phase loss, overheat

Press. switches / 4/20mA Sensor

230 and 400Vac (110 and 220 Vac)

2 Pumps up to 12A, DOL

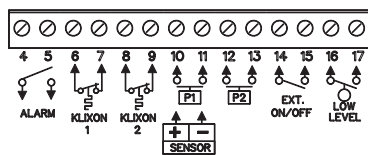
Digital display

Alarm contact

Remote control

Smart alternating (***)

Detection of excessive start/stop rate and pressure fault. PTC probes optional



Zero Drain V1ZB

LIFT STATIONS



Overload, phase loss, overheat

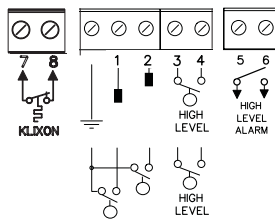
Float switches / Probes

230 or 400Vac (110 or 220 Vac)

1 Pump up to 18A, DOL

Alarm contact + Buzzer

Anti-jamming system



Zero Drain Doble Sensor - V2ZB



Overload, phase loss, overheat

Float switches

230 and 400Vac (110 and 220 Vac)

2 Pumps up to 12A, DOL

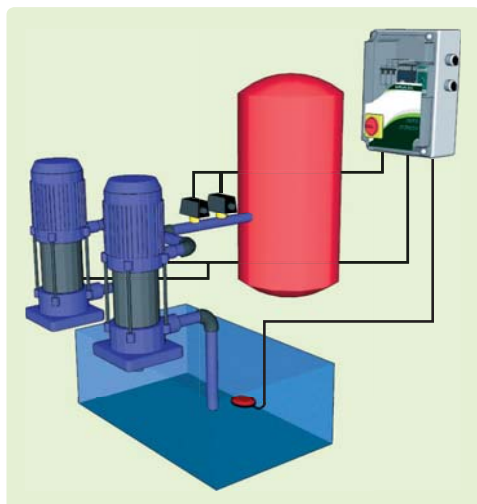
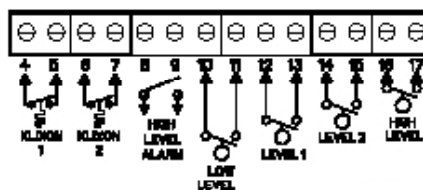
Digital display

Alarm contact + Buzzer

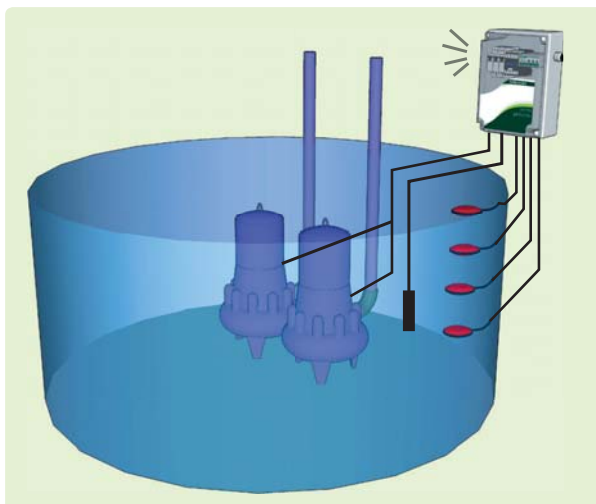
Anti-jamming system

Smart alternating (***)

Optional modules: Alarm battery, Conductive probes, PTC probes, NC alarm float and Phase sequence relay,



Booster pump sets



Lift stations

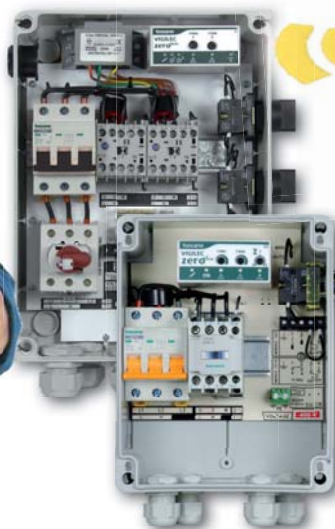
Pump Check

Preventive maintenance



Able to capture:

- Working hours
- Number of starts
- Actual current Amps
- Alarms and tripping current
- Control module identification code



Pump Check data reader



Pump Check

Ideal for preventive maintenance, this wireless tool is able to capture the pump history status from the Control Module, making it possible to have important information for after sales support and service.

Control module

Easy adjustment and complete status display

UNDERLOAD adjustment

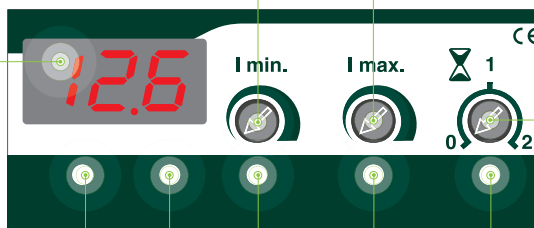
3-digit display

- Amps
- Re-start time
- Pressure
- Alarms
- Adjustments, etc.

POWER ON Led

PUMP ON Led

UNDERLOAD alarm Led



OVERLOAD adjustment

RE-START time adjustment
(0-120 minutes)

LOW LEVEL alarm
Led

OVERLOAD alarm Led

Vigilec Zero Digital Model